

Tentative Agenda
Northeast Regional Operational Workshop
Albany, New York
Tuesday, November 2, 2004

8:00 am

Welcoming remarks

Eugene P. Auciello, Meteorologist In Charge, NOAA/NWS Albany, New York
Warren R. Snyder, Science & Operations Officer, NOAA/NWS Albany, New York

Session A. Modeling

Session Chair - Thomas A. Wasula

8:10 am

Remarks by Session Chair

8:15 am

Utilization of the Stony Brook University Mesoscale Ensemble System at WFO's and RFC's

Jeffrey Tongue
NOAA/NWS, Weather Forecast Office, Upton, New York

8:40 am

An Update on the Stony Brook University Ensemble Forecast System

Brian A. Colle
Institute for Terrestrial and Planetary Atmospheres
Stony Brook University, State University of New York, Stony Brook, New York

9:05 am

Verification of the Stony Brook Ensemble Forecast System

Matthew Jones
Institute for Terrestrial and Planetary Atmospheres,
Stony Brook University, State University of New York,
Stony Brook, New York

9:30 am

High-Resolution Simulations of the 25 December 2002 Banded Snowstorm using Eta, MM5, and WRF

David Novak
NOAA/ NWS Eastern Region Headquarters, Bohemia, New York

9:55 am

Break

10:20 am

Systematic and Random Errors in Operational Forecasts by the UK Met Office Global Model

Tim Hewson

UK Met Office, Exeter, England

10:45 am

The Good, the Bad, and the Ugly: Numerical Prediction for Hurricane Juan (2003)

Ron McTaggart-Cowan and Lance F. Bosart

Department of Earth and Atmospheric Sciences, University at Albany,
State University of New York

11:10 am

Customization of a Mesoscale Numerical Weather Prediction System for Transportation Applications

Anthony P. Praino

IBM Thomas J. Watson Research Center, Yorktown Heights, New York

11:35 am

Lunch

Session B. Severe Convection/Warm Season

Session Chair - George J. Maglaras

1:00 pm

Remarks by Session Chair

1:05 pm

The Long-Lived MCV of 11-13 June 2003 during BAMEX

Thomas J. Galarneau Jr.

Department of Earth and Atmospheric Sciences, University at Albany,
State University of New York, Albany, New York

1:30 pm

The Structure and Climatology of Boundary Layer Winds in the Southeast United States and its Relationship to Nocturnal Tornado Episodes

Alicia C. Wasula

Department of Earth and Atmospheric Sciences, University at Albany,
State University of New York, Albany, New York

1:55 pm

A Statistical and Synoptic Climatological Analysis of United States Heat Waves

Scott C. Runyon

Department of Earth and Atmospheric Sciences, University at Albany,
State University of New York, Albany, New York

2:20 pm

Break

2:45 pm

Warm Season Climatology of Convective Evolution Over the Coastal Northeast United States

Michael Charles

Institute for Terrestrial and Planetary Atmospheres, Stony Brook University, Stony Brook, New York

3:10 pm

The August 9, 2001 Lake Breeze Severe Weather Event Across New York and Western New England

Thomas A. Wasula

NOAA/NWS, Weather Forecast Office, Albany, New York

Session C. Operations

Session Chair - Warren R. Snyder

3:35 pm

Getting Ready for Winter: An NCEP Update

Louis W. Uccellini

NOAA/National Centers for Environmental Prediction
Camp Springs, Maryland

4:10 pm

AWIPS Radar and Warning Strategies Using Multiple Workspaces

Josh Korotky

NOAA/NWS, Weather Forecast Office, Pittsburgh, Pennsylvania

4:35 pm

Operational Urban Mesonet-Driven Model for Homeland Defense Applications

Mark C. Beaubien

Yankee Environmental Systems, Turners Falls, Massachusetts

Session D. Hydrology/Tropical Events

Session Chair - Steve DiRienzo

5:00 pm

Remarks by Session Chair

5:05 pm

Frantic About Frances, 9 September 2004

Richard H. Grumm

NOAA/NWS, Weather Forecast Office, State College, Pennsylvania

5:30 pm

An Overview of the Tropical Cyclone-Induced Flooding in Central New York and Northeast Pennsylvania in 2004

Michael S. Evans

NOAA/NWS, Weather Forecast Office, Binghamton, New York

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Albany, New York
Wednesday, November 3, 2004

Session D. Hydrology/Tropical Events (continued)
Session Chair - Steve DiRienzo

8:00 am

28 August 2004 Flash Flood in Addison County Vermont

Gregory Hanson

NOAA/NWS, Weather Forecast Office, Burlington, Vermont

8:25 am

Warm Season Extreme Quantitative Precipitation Forecasting for the Burlington, Vermont Region

Paul A. Sisson

NOAA/NWS, Weather Forecast Office, Burlington, Vermont

8:50 am

The Importance of Real-Time Data During an Operational River Flood Event

Ron Horwood

NOAA/NWS, Weather Forecast Office, Taunton, Massachusetts

9:15 am

Break

Session E. CSTAR Projects
Session Chair - Kenneth D. LaPenta

9:30 am

Cool-Season Regime Transition and Its Impact on Precipitation in the Northeast

Heather Archambault

Department of Earth and Atmospheric Sciences, University at Albany,
State University of New York, Albany, New York

9:55 am

Cyclogenesis and Upper-Level Jet Streaks and their Influence on the Low-Level Jet

Keith Wagner

Department of Earth and Atmospheric Sciences, University at Albany,
State University of New York, Albany, New York

10:20 am

**The May 11, 2003 Severe Weather Null Case Across the
Northeastern and Mid-Atlantic States**

Michael L. Jurewicz

NOAA/NWS, Weather Forecast Office, Binghamton, New York

10:55 am

**Cool Season 500 hPa Cutoff Cyclones;
Precipitation Distribution and a Case Study**

Anthony Fracasso

Department of Earth and Atmospheric Sciences, University at Albany,
State University of New York, Albany, New York

11:20 am

**Forecasting Eastern United States Winter Storms:
Are We Getting Better and Why ?**

Jeff S. Waldstreicher

NOAA/NWS Eastern Region Headquarters, Bohemia, New York

11:45 am

**An Examination of Mesoscale Factors which Influence the Precipitation
Distribution of Landfalling Tropical Cyclones**

Alan F. Srock

Department of Earth and Atmospheric Sciences
University at Albany, State University of New York
Albany, New York

12:10 pm

Lunch

**Session E. Winter Weather/Cool Season
Session Chair - Jeff Waldstriecher**

1:15 pm

A Simple Physically Based Snowfall Algorithm

Daniel K Cobb Jr.

NOAA/NWS, Weather Forecast Office, Caribou, Maine

1:40 pm

The Effects of Climate Variability on Buffalo, New York Winters

Robert Hamilton

NOAA/NWS, Weather Forecast Office, Buffalo, New York

2:05 pm

**A Long-Lived Intense Continental-Scale Front:
28 February-4 March 1972**

Lance F. Bosart

Department of Earth and Atmospheric Sciences, University at Albany,
State University of New York, Albany, New York

2:30 pm

Break

**Session F. Hudson Valley Ambient Meteorology Study
(HVAMS) Projects**

Session Chair - Ingrid A. Amberger

3:00 pm

Remarks by Session Chair

3:10 pm

Convective Boundary Layer Structure in the Hudson Valley

Jeffrey M. Freedman

Atmospheric Information Services, Albany, New York

3:25 pm

Rain Shadows in the Hudson Valley

Jeffrey M. Freedman

Atmospheric Information Services, Albany, New York

3:40 pm

The Hudson Valley Ambient Meteorology Study ("HVAMS")

An Investigation of the Diurnal Evolution of Local Circulations

Jeffrey M. Freedman

Atmospheric Information Services, Albany, New York

3:55 pm

Evening and Nocturnal Winds in the Hudson Valley

David R. Fitzjarrald

Atmospheric Sciences Research Center, University at Albany, State
University of New York, Albany, New York

4:20 pm

**Spatial and Seasonal Changes in Watershed Response to Rainfall Events
in the Catskill - Hudson Valley Region**

Matthew J. Czikowsky

Atmospheric Sciences Research Center, University at Albany, State
University of New York, Albany, New York

4:45 pm

Closing Remarks

Warren R. Snyder

4:55 pm

Adjourn

NROW 7 will be held November 1-3, 2005

